

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-28. (Canceled)

29. A method comprising:

acquiring data representing eye movements for one or more individuals;

generating result data that graphically represents the data representing eye movements for the one or more individuals; and

promoting the result data to a user-accessible state.

30. The method of claim 29 wherein promoting the result data to a user-accessible state comprises displaying the result data with a display device.

31. The method of claim 29 wherein promoting the result data to a user-accessible state comprises storing the result data on an electronically-accessible medium.

32. The method of claim 29 wherein the result data that graphically represents the data representing eye movements for the one or more individuals comprises blurring an image based on a visual acuity gradient applied to the data representing eye movements.

33. The method of claim 29 wherein the result data that graphically represents the data representing eye movements for the one or more individuals comprises alpha blending of an image and a colorized representation of the data representing the eye movements.

34. (Currently Amended) An article comprising an electronically-accessible medium to provide instructions that, when executed, cause one or more electronic systems to:

acquire data representing eye movements for one or more individuals;  
generate result data that graphically represents the data representing eye movements for the one or more individuals; and

promote ~~[[promot]]~~ the result data to a user-accessible state.

35. The article of claim 34 wherein promoting the result data to a user-accessible state comprises displaying the result data with a display device.

36. The article of claim 34 wherein promoting the result data to a user-accessible state comprises storing the result data on an electronically-accessible medium.

37. The article of claim 34 wherein the result data that graphically represents the data representing eye movements for the one or more individuals comprises blurring an image based on a visual acuity gradient applied to the data representing eye movements.

38. The article of claim 34 wherein the result data that graphically represents the data representing eye movements for the one or more individuals comprises alpha blending of an image and a colorized representation of the data representing the eye movements.

39-46. (Canceled)